SONY

DSC-W50/B

Cyber-shot® Digital Still Camera

Better Pictures -- Easier Than Ever. DSC-W50 delivers superior performance in compact design -- 6.0 megapixels for big prints, Carl Zeiss® 3X Optical zoom, High Sensitivity Mode, 2.5"[1] LCD screen with on-screen Function Guide. 32 MBInternal Memory provides in-camera shooting, Stamina® Lithium Ion battery captures up to 390[3] shots.

▲ Step-up
✦ New

- 6.0 Megapixel Super HAD™ CCD
  Higher megapixels gives you more detail and definition for making large prints and cropping in on your subject. Sony's advanced Super HAD (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.

▲ Extra-Large 2.5"[1] LCD Screen
The DSC-W50 has a bigger, brighter 2.5"[1] LCD screen for setting up and viewing images -- with a one-touch "Play" button that makes it quick and easy to view your photos.

✦ Simple Controls, Function Guide
User-friendly controls and simple on-screen Function Guide text/icon display help you set up camera functions for terrific shots -- and you'll have greater creative freedom to adjust color mode (including "Natural" for subtle colors and "Rich" for more intense colors), sensitivity, brightness and image size.

- High Sensitivity Mode
  A new High Sensitivity Mode (ISO 1000) allows you to shoot with great results in low-light conditions -- and Sony's original Clear RAW™ NR (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-senstivity shooting.

- Carl Zeiss® 3X Optical/2X Digital Zoom
  3X Optical Zoom helps the DSC-W50 bring distant subjects closer and lets you frame shots for better composition; Sony's precision 2X Digital Zoom provides an additional 2X magnification to enlarge details without jagged edges.

- Stamina® Battery Power
  With its powerful Lithium Ion rechargeable battery, the DSC-W50 can capture up to 390 images[3] -- enough for a whole vacation. The compact BC-CSG Battery Charger is also supplied for battery recharging on the go.

- 13X Smart Zoom® Feature
  At VGA resolution[4], Sony's Smart Zoom® feature intelligently "crops into" the central portion of interest in your photo without sacrificing full CCD resolution -- avoiding the image degradation of other digital zooms.

- Capture Images In-Camera
  With 32 MB[2] Internal Memory, the DSC-W50 allows you to shoot without a flash memory card -- then transfer your images to optional Memory StickDuo™ media, upload to your computer or make prints on your digital printer.

- Memory Stick Duo™ Media
  The DSC-W50 has a built-in slot for optional Memory StickDuo™ or higher-capacity Memory Stick PRO Duo™ media -- the ultra-compact media for shooting, storing and sharing your photo images.

- MPEG Movie VX Fine Mode
  The DSC-W50 can capture VGA (640 x 480) audio/video clips at high frame rate (up to 30 frames per second), with length limited only by the capacity of your media.

✦ Cyber-shot Viewer Software
Sony's new software that makes it easy to import images via camera or Memory Stick® media -- then organize and browse through photos on your PC with simple scrolling through thumbnail images.

- PictBridge™ Compatibility
  The DSC-W50 connects easily to any PictBridge™ compatible printer with the supplied USB cable, so you can print directly from your camera. You can view images and make print selections right on the camera's LCD screen -- with simple menus for print quality, date and index print.

Effective 6.0 MEGA PIXELS

ZEISS

Smart Zoom

STAMINA

MEMORY STICK®

MPEG MOVIE VX Fine

SONY

DSC-W50/B

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Specifications

General

Megapixel: 6.0 MP
Imaging Device: 1/2.5" Super HAD™ CCD
Recording Media: 32MB[1] internal Flash Memory, optional Memory Stick™ DUO Media, optional Memory Stick DUO PRO™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent, Incandescent, Flash
Self Timer: Yes (10 seconds, 2 seconds, Off)
Memory Stick PRO™ Media Compatibility: Tested to support up to 2GB Memory Stick DUO PRO™ media capacity[1]; does not support Access Control security function.
Still Image Mode(s): Burst, JPEG (Fine/Standard), Multi-Burst
Red-Eye Reduction: Yes (On/Off all modes)
Burst Mode: 3 Shot at 1.43 fps (6MP JPEG fine), 98 Shot VGA at 1.43 fps (JPEG std.)
Erase/Protect: Yes/Yes
Date/Time Stamp: No/ No
Media/Battery Indicator: Yes/Yes
Color Mode(s): Black & White, Natural, Rich, Sepia

Convenience Features

Real Imaging Processor™ Technology: Yes
AF Illuminator Light: Yes
PictBridge Compatible: Yes
Multi-Pattern Measuring: Yes, 49-segment
SteadyShot® Image Stabilization: N/A
Clear RAW NR: Yes
Scene Mode(s): Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait
Movie Mode(s): MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick DUO PRO™ media), MPEG VX Standard with Audio (640x480 at 16fps), Video Mail with Audio (160x112 at 8fps).
Power Save Mode: Yes (after approx. 3 min. of inactivity)

Inputs and Outputs

Accessory Terminal: N/A
Audio/Video Output(s): Yes via Mutli-Use Connector
USB Port(s): Yes (Supports USB 2.0[5])

Hardware

LCD: 2.5"[2] (115K Pixels TFT LCD Screen)
Viewfinder: Optical
Lens Construction: 6 Elements in 5 Groups, 3 Aspheric Elements
Microphone/Speaker: Yes/ Yes
Lens Type: Carl Zeiss® Vario-Tessar®
Docking Station: N/A

Operating Conditions

Flash Effective Range: ISO Auto: 6" to 13' 9" (0.2-4.2m)(W), ISO 1000: 2' 7" to 24' (0.2-7.3m)(W)
Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch, Daylight Fill

Optics/Lens

Focal Length: 6.3 -18.9mm
35mm Equivalent: 38 - 114 mm
Focus: 5 Area Multi-Point AF, Center AF
Focal Distance: 4-3/4" (12 cm) (W), 19-3/4" (50cm) (T)
Aperture Range: f2.8-7.1(W), f5.2-13 (T)
Shutter Speed: 1/8-1/2000 sec. (Auto), 1-1/2000 sec. (Program Auto)
Exposure Compensation: ±2.0 EV, 1/3 EV Step Increments
ISO: Auto, 80, 100, 200, 400, 800, 1000
Filter Diameter: 30mm (with VAD-WB Adapter Ring)
Smart Zoom® Technology: Up to 4.1X (3MP), 5.2X (2MP), 4.4X (16:9 2MP) 13X (VGA Resolution)[4]
Digital Zoom: 0-2.0X (Precision)
Optical Zoom: 3X
Macro Mode: Yes
Total Zoom: 6X
Minimum Focus Distance: 19.7" (50 cm), Macro 0.74" (2 cm)

Power

Battery Type: Lithium-Ion NP-BG1
Battery Capacity: 3.6V, 960 mAh

Software

Supplied Software: Cyber-shot® Viewer Vers 1.0 + USB Driver, (Windows®)
Operating System Compatibility: Microsoft® 2000 Professional, Me, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.0-10.4)

Dimensions

Weight: 4.5 oz (127 g) Body; 5.5 oz. (157 g) including Battery and optional Memory Stick™ DUO Media
Measurements: 3 1/2" x 2 1/4" x 15/16" (89 x 57 x 23 mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NP-BG1 rechargeable battery
BC-CSG battery charger
A/V and USB multi-connector cables
Wrist strap
Software CD-ROM
Note: No Memory Stick® DUO media or adaptors are included.

Optional Accessories

Accessory Kit (ACC-CLG)
Rechargeable Lithium-Ion Battery (NP-BG1)
Conversion Lens Adaptor Mount (VAD-WB)
Deluxe Soft Carrying Case (LCS-BDA)
Wide Angle Conversion Lens (VCL-DH0730)
Super Telephoto Conversion Lens (VCL-DH2630)
Telephoto Conversion Lens (VCL-DH1730)
Polarizing Kit Filter (VF-30CPKS)
External Slave Flash w/Bracket (HVL-FSL1B)
Memory Stick Duo PRO™ (MSX-256S)
Memory Stick Duo PRO™ (MSX-512S)
Memory Stick Duo PRO™ (MSX-1GST)
Memory Stick Duo PRO™ (MSX-2GS)
Memory Stick Duo Adaptor (MSAC-M2)
Memory Stick DuoUSB Adptr (MSAC-US40)

Color: Black
UPC Code: 027242687233

JPEG STILL IMAGE MODE

Fine/Standard Picture Quality

Memory Stick Duo™ Media[1]	2816x2112 6MP	2816x1872 6MP (3:2)	2048x1536 3MP	1920x1080 2MP (16:9)	1632x1224 2MP	640x480 VGA
32MB	10/19	10/19	20/37	33/61	33/61	196/491
64MB	21/39	21/39	41/74	66/123	66/123	394/985
128MB	42/79	42/79	82/149	133/246	133/246	790/1975
Memory Stick PRO™ Duo Media[1]						
256MB	77/142	77/142	148/264	238/446	238/446	1428/3571
512MB	157/290	157/290	303/537	484/907	484/907	2904/7261
1GB	322/592	322/392	617/1097	988/1852	988/1852	5928/14821
2GB	660/1215	660/1215	1266/2250	2025/3798	2025/3798	12154/30385
Internal Memory						
32MB	10/19	10/19	20/37	33/61	33/61	196/491

MPEG MOVIE MODE

Maximum Recording Time

Memory Stick Duo™ Media[1]	MPEG VX (640x480) Fine	MPEG VX (640x480) Standard	Video Mail (160x112)
32MB	—	1m 27s	22m 42s
64MB	—	2m 56s	5m 54s
128MB	—	5m 54s	1h 31m 33s
Memory Stick PRO Duo™ Media[1]			
256MB	2m 57s	10m 42s	2h 51m 21s
512MB	6m 02s	21m 47s	5h 47m 05s
1GB	12m 20s	44m 27s	11h 44m 22s
2GB	25m 18s	1h 31m 09s	24h 18m 25s
Internal Memory			
32MB	—	1m 20s	22m 40s

1: Viewable area, measured diagonally
2: A portion of the memory is used for data management purposes; approx. 30 MB will be available for image recording.
3: Under average conditions; when fully charged, actual results may vary based on camera settings and conditions of use.
4: Smart Zoom® feature will not work at highest resolution setting.
5: Not all products with USB connectors may communicate with each other due to chip-set variations

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